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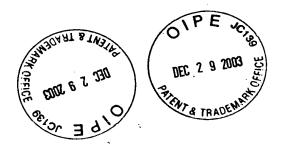


FIG. 1

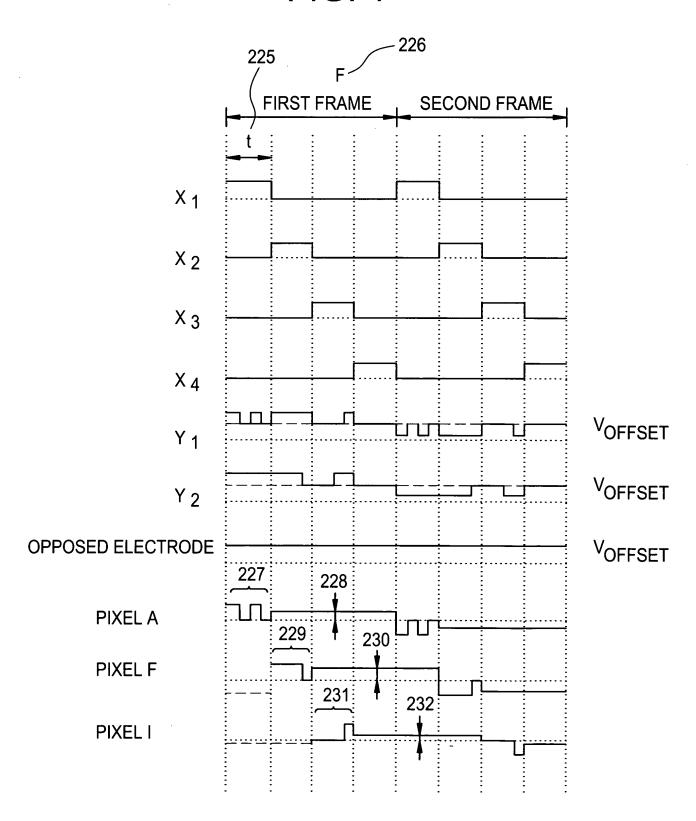




FIG. 2 PRIOR ART

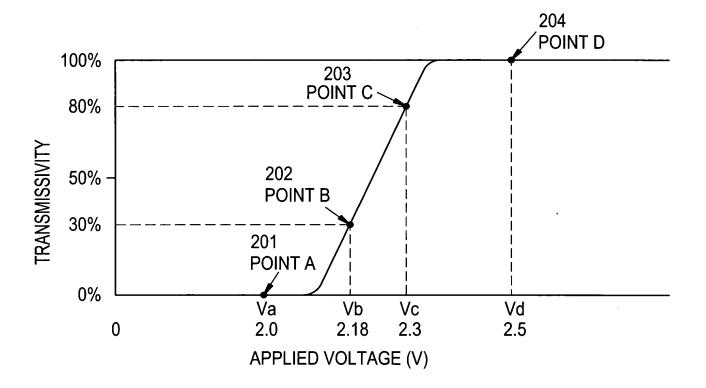




FIG. 3

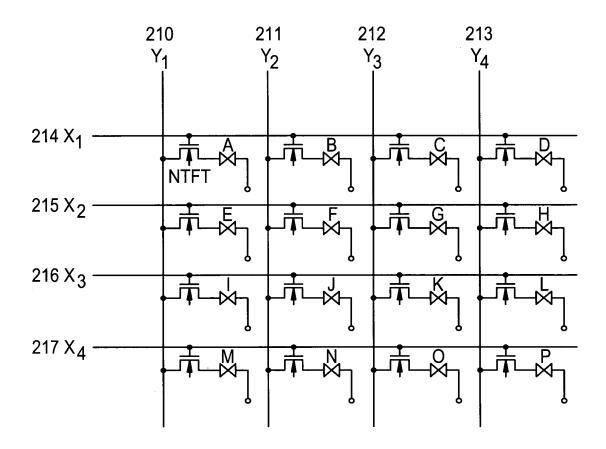




FIG. 4

F

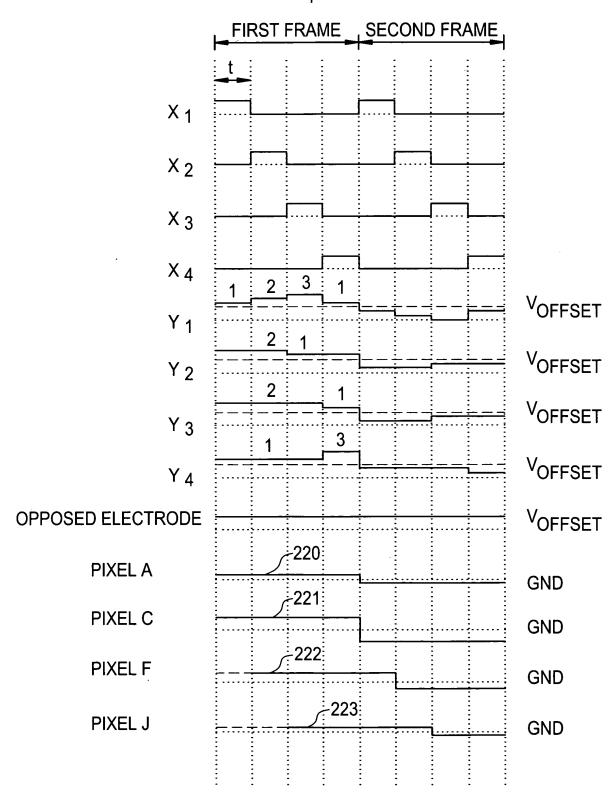




FIG. 5

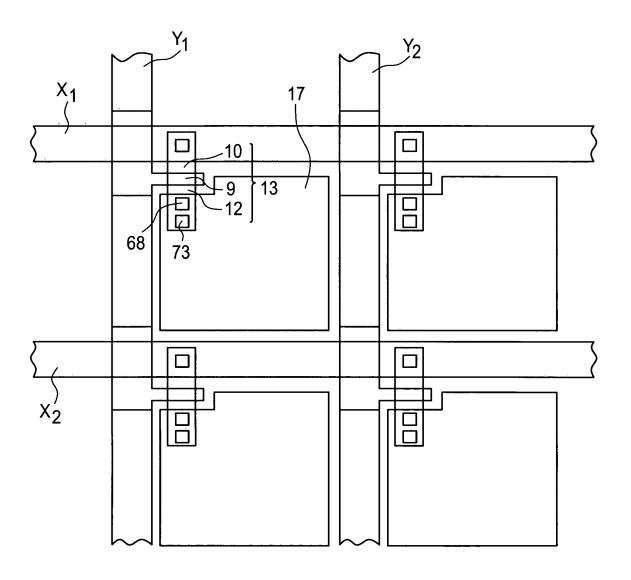




FIG. 6A

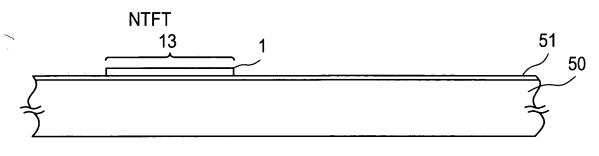


FIG. 6B

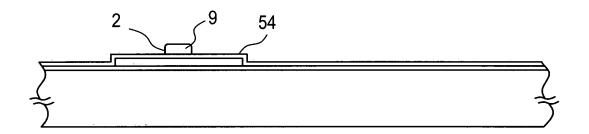


FIG. 6C

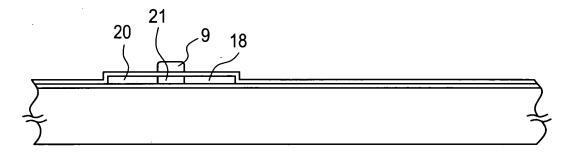


FIG. 6D

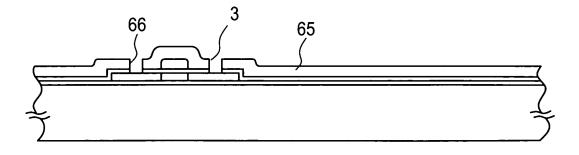




FIG. 6E

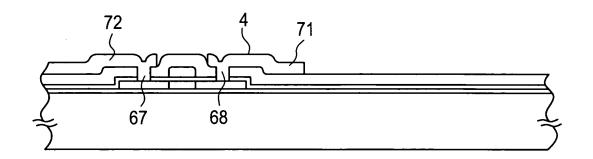


FIG. 6F

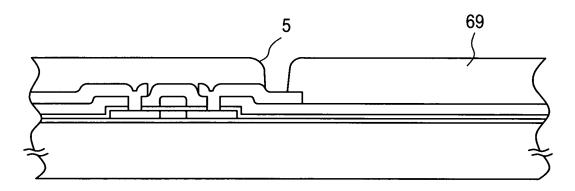


FIG. 6G

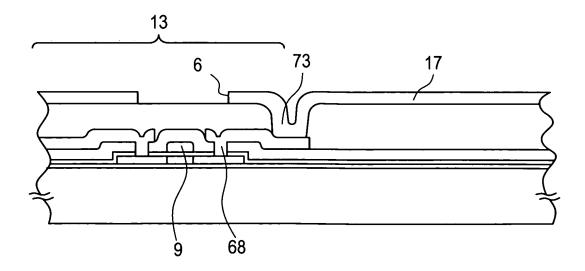




FIG. 7

PIXEL A PIXEL F PIXEL I



FIG. 8

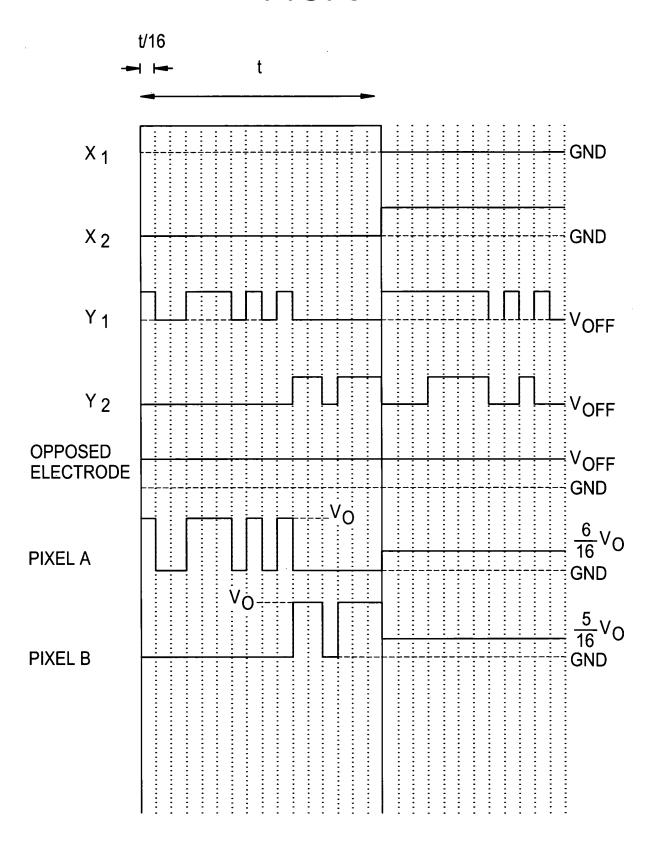




FIG. 9

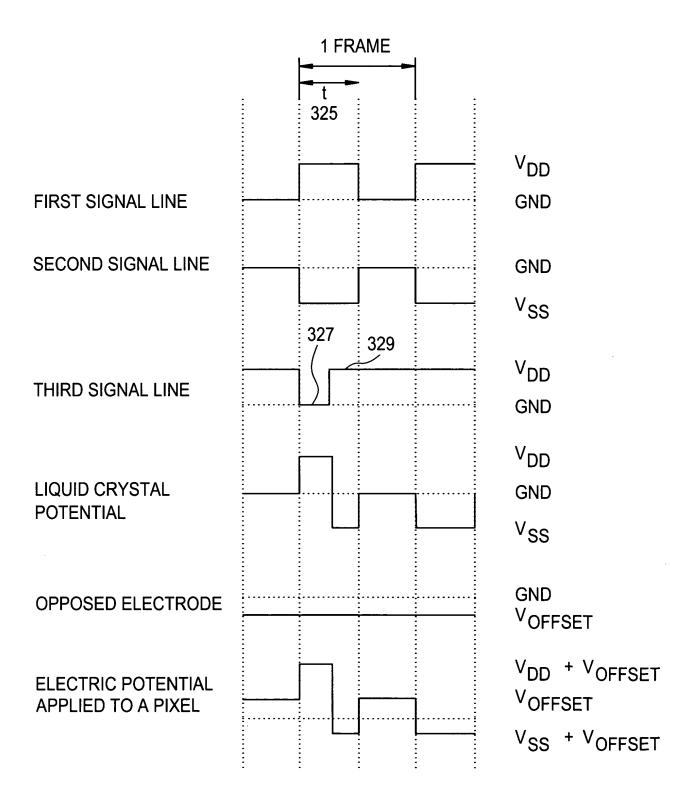




FIG. 10

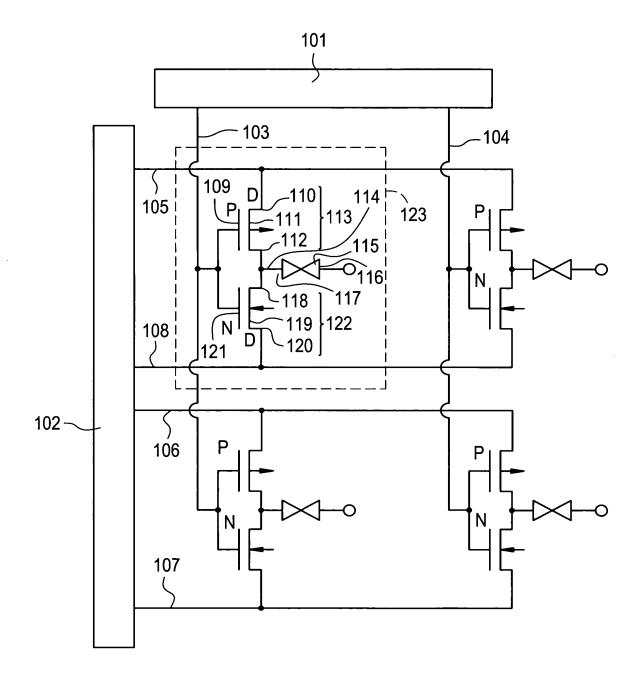




FIG. 11

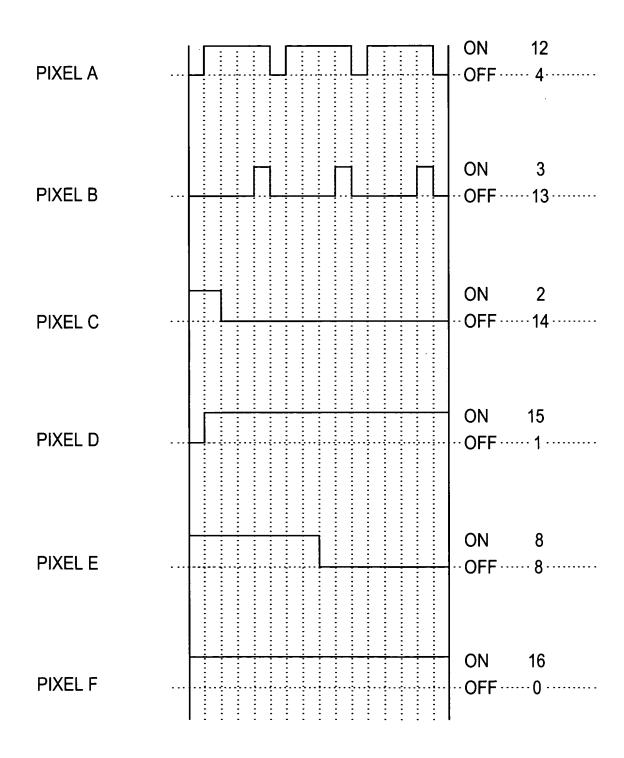




FIG. 12

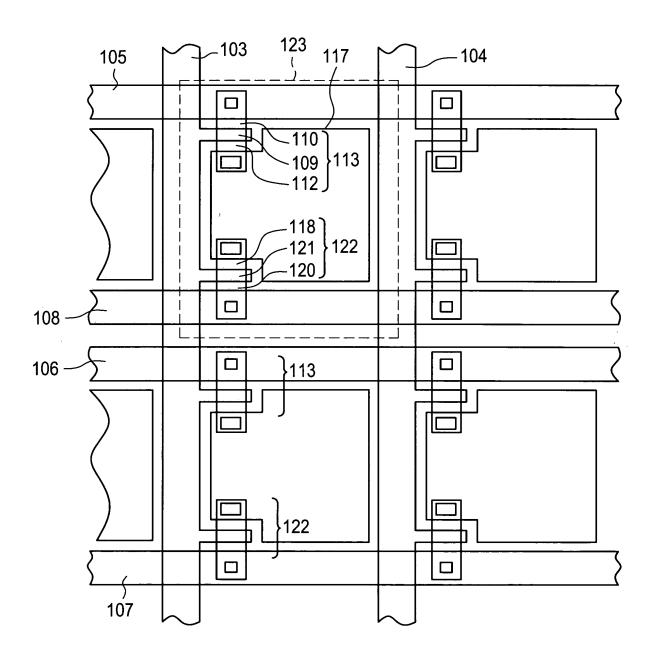




FIG. 13A

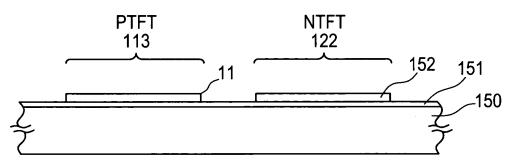


FIG. 13B

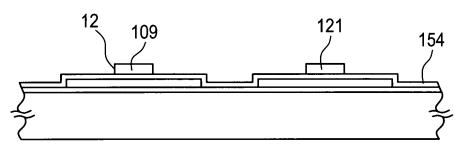


FIG. 13C

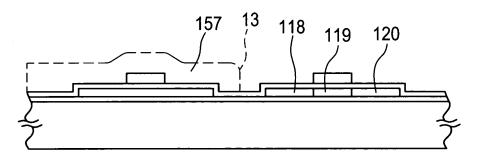


FIG. 13D

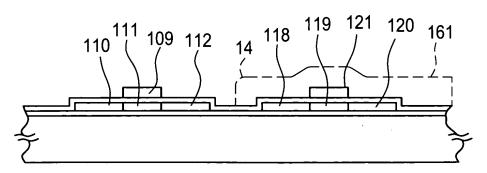




FIG. 13E

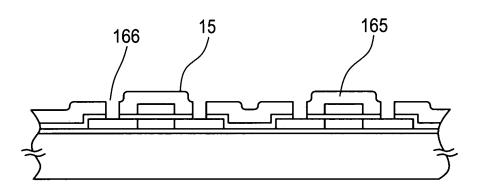
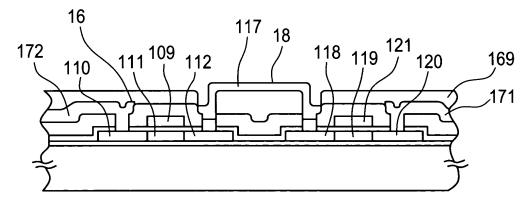


FIG. 13F





# FIG. 14

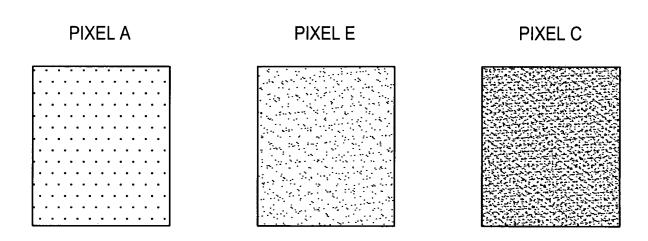




FIG. 15

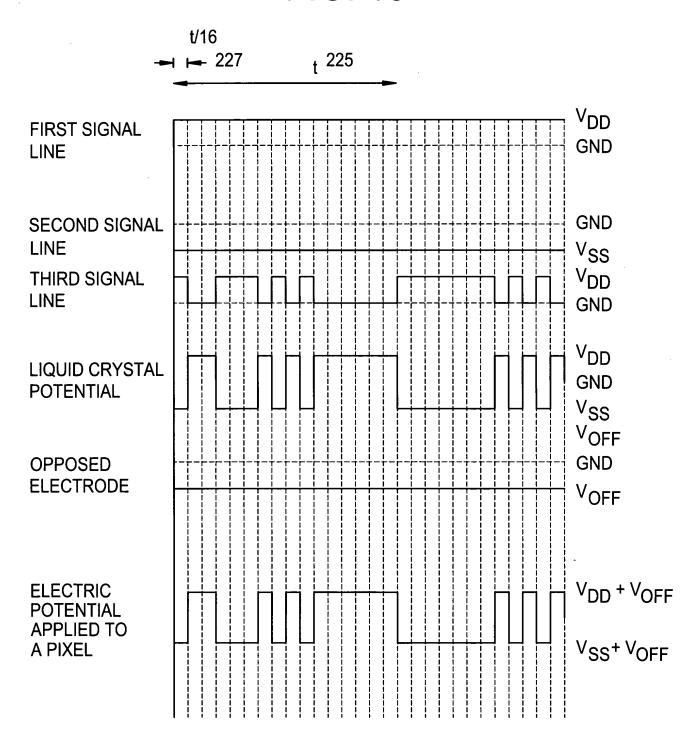




FIG. 16

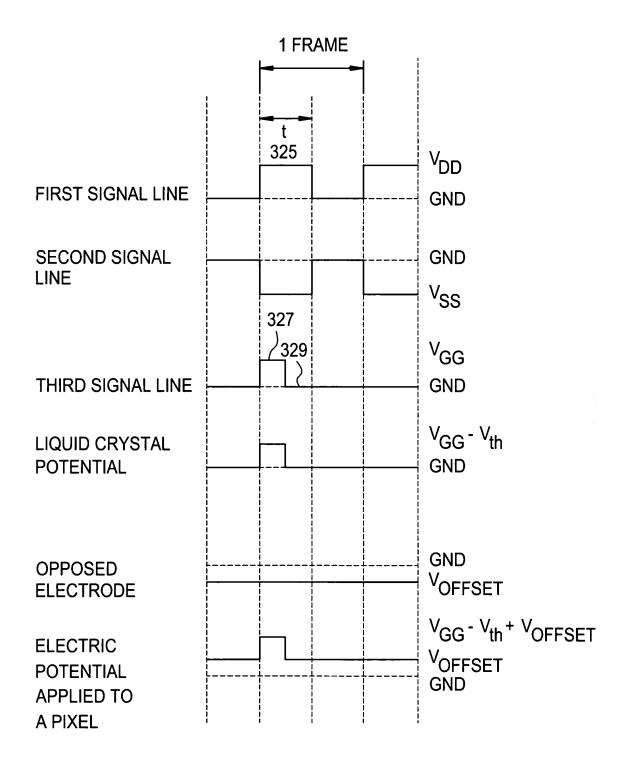




FIG. 17

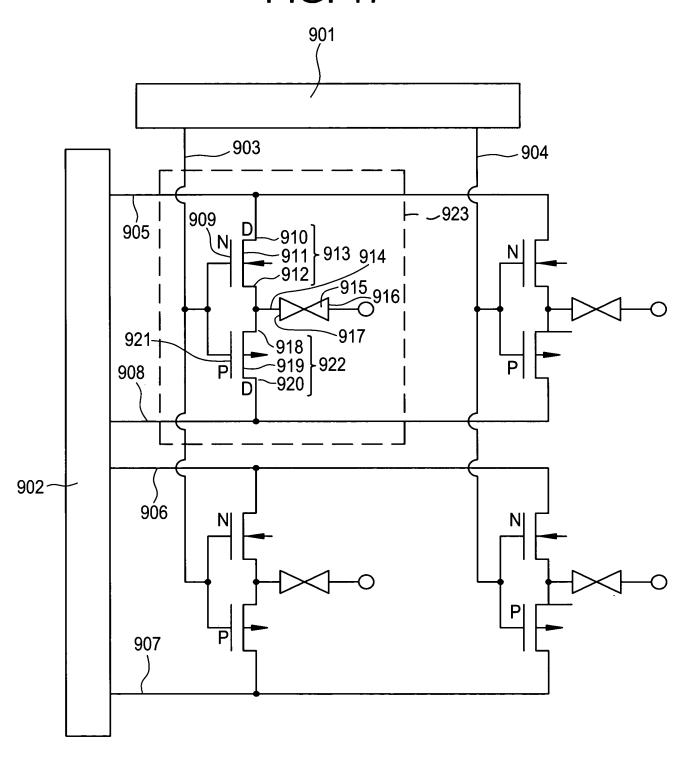




FIG. 18A

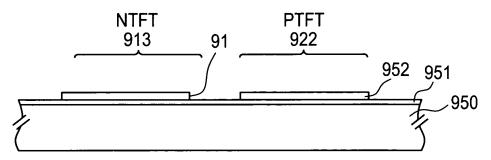


FIG. 18B

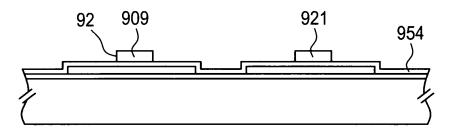


FIG. 18C

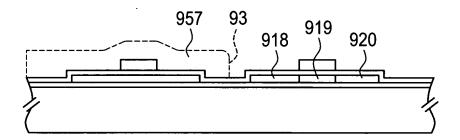


FIG. 18D

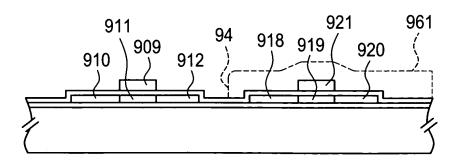




FIG. 18E

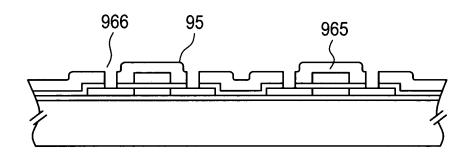


FIG. 18F

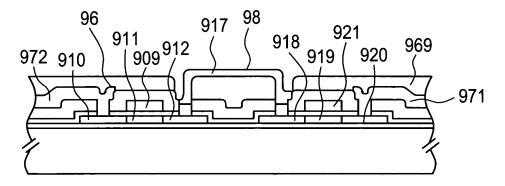




FIG. 19

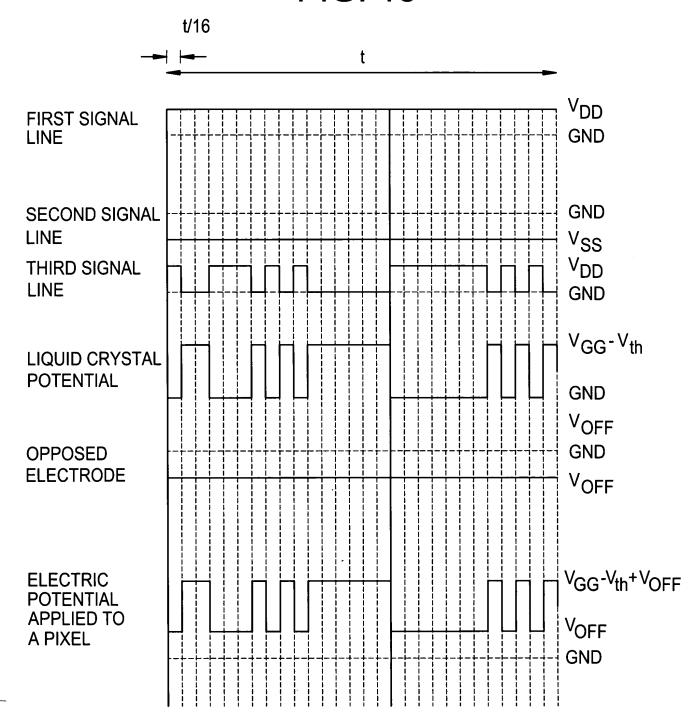




FIG. 20



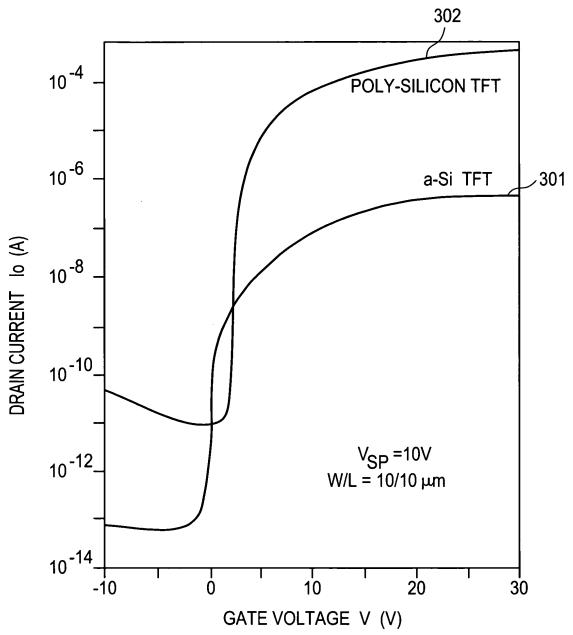




FIG. 21

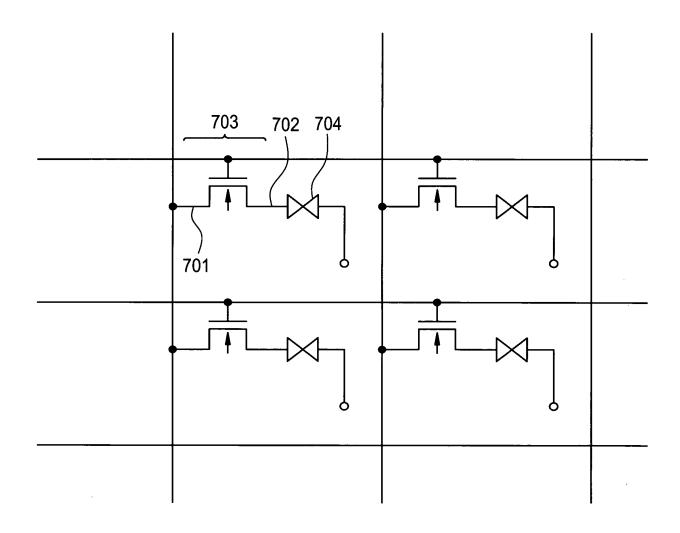




FIG. 22A

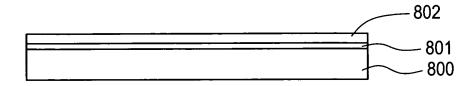


FIG. 22B

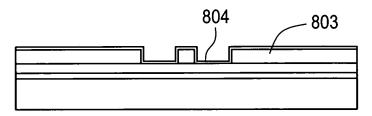


FIG. 22C

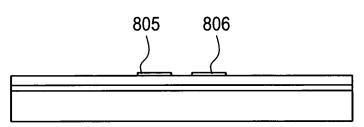


FIG. 22D

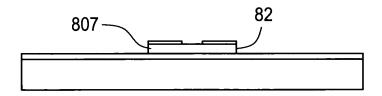


FIG. 22E

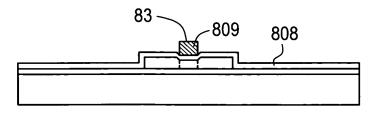




FIG. 22F

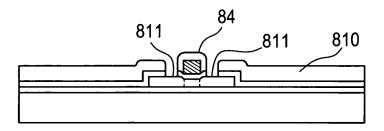


FIG. 22G

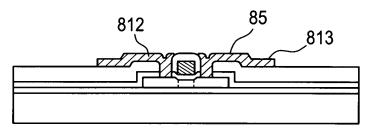


FIG. 22H

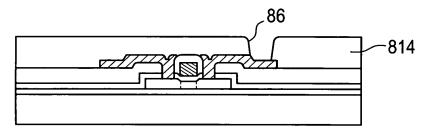
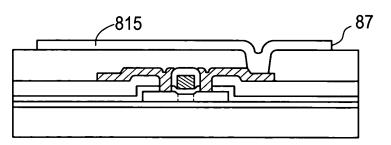
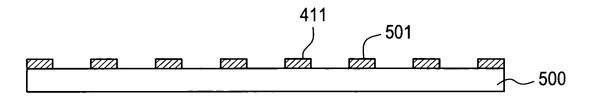


FIG. 221

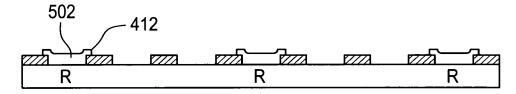




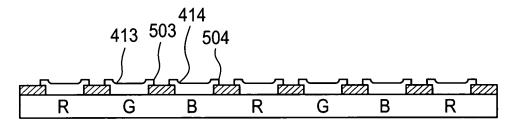
### FIG. 23A



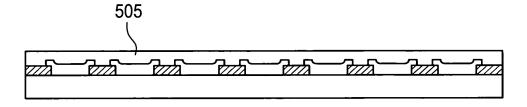
### FIG. 23B



### FIG. 23C



### FIG. 23D



### FIG. 23E

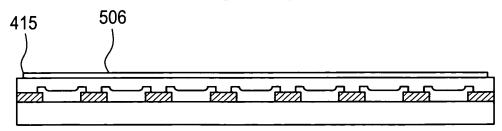




FIG. 24

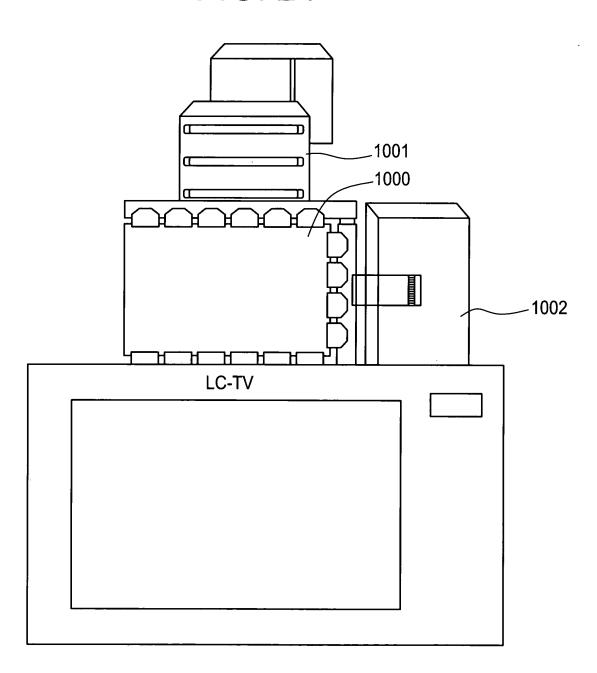
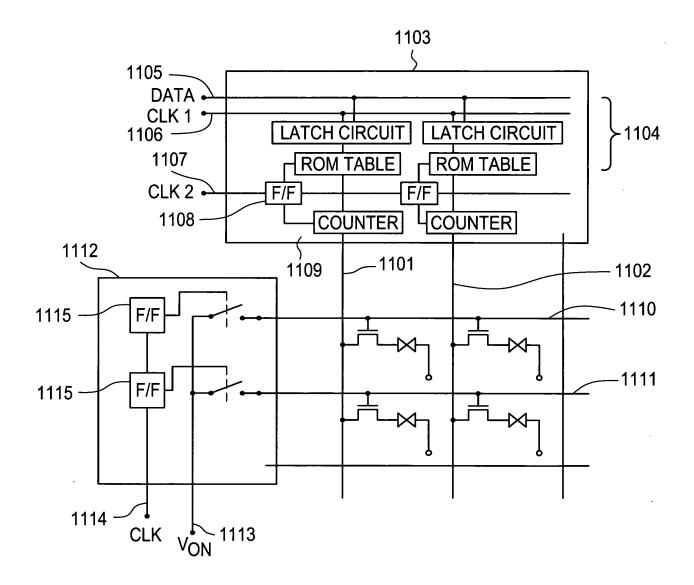
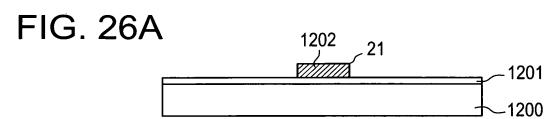


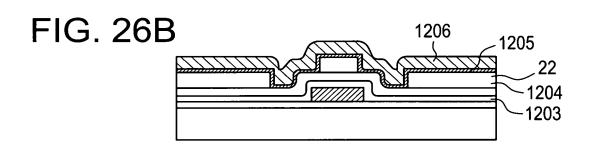


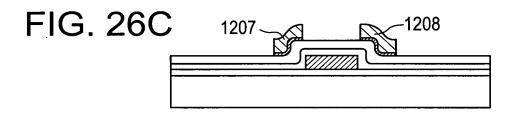
FIG. 25

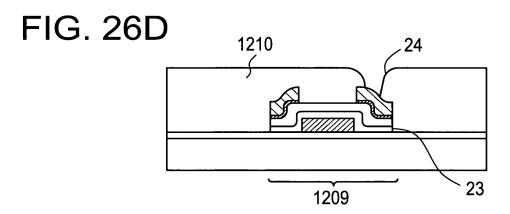












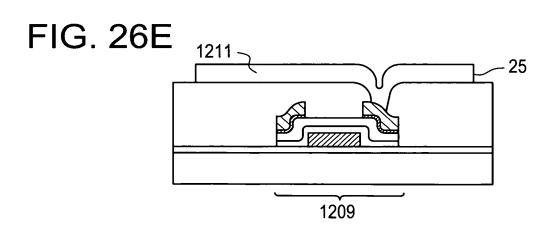
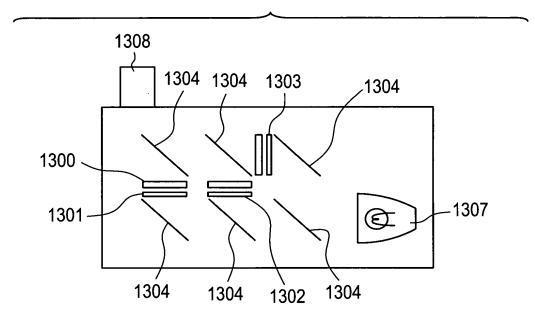
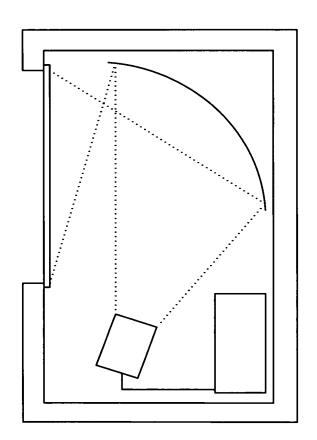




FIG. 27





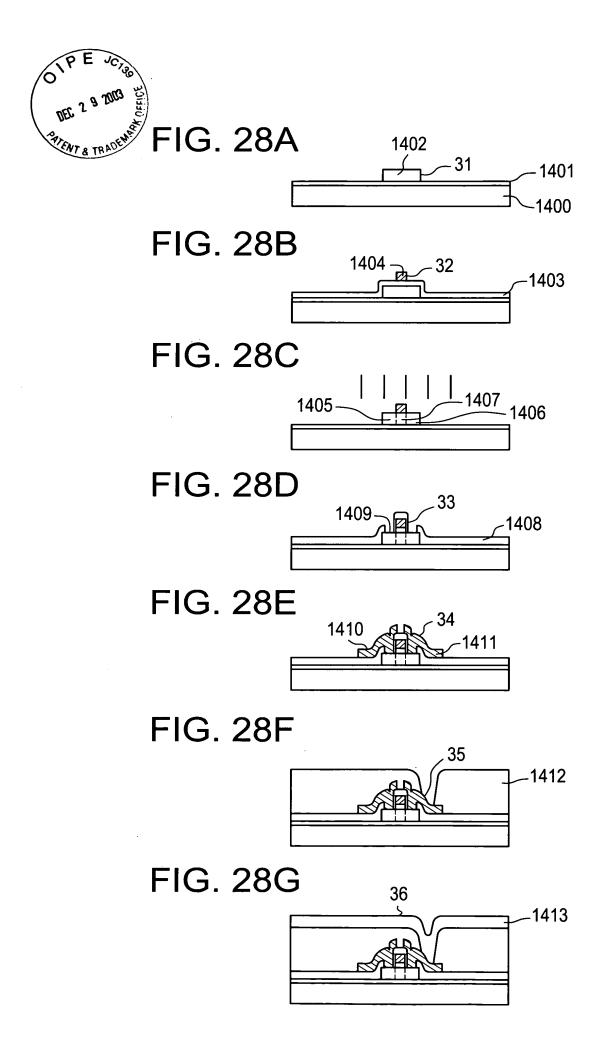




FIG. 29

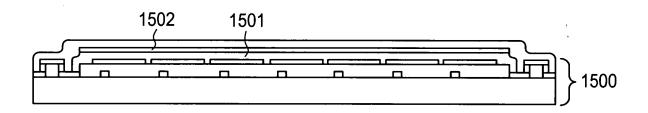




FIG. 30

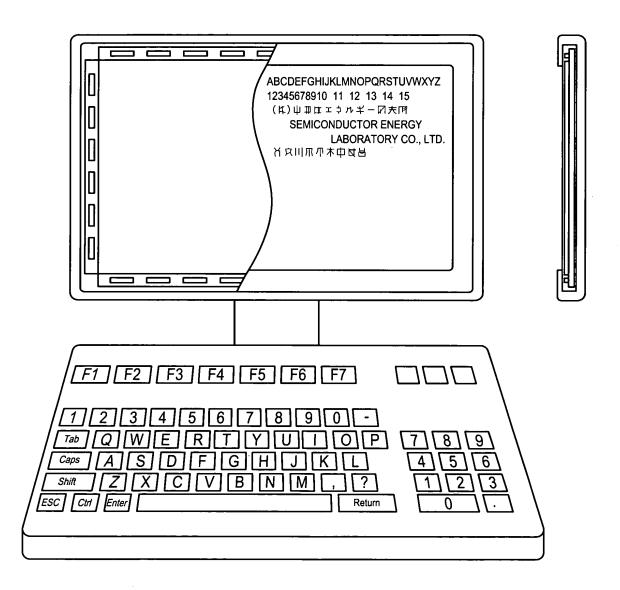




FIG. 31

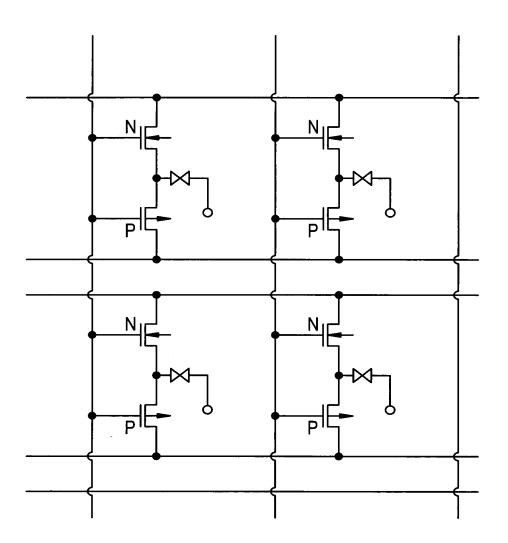




FIG. 32

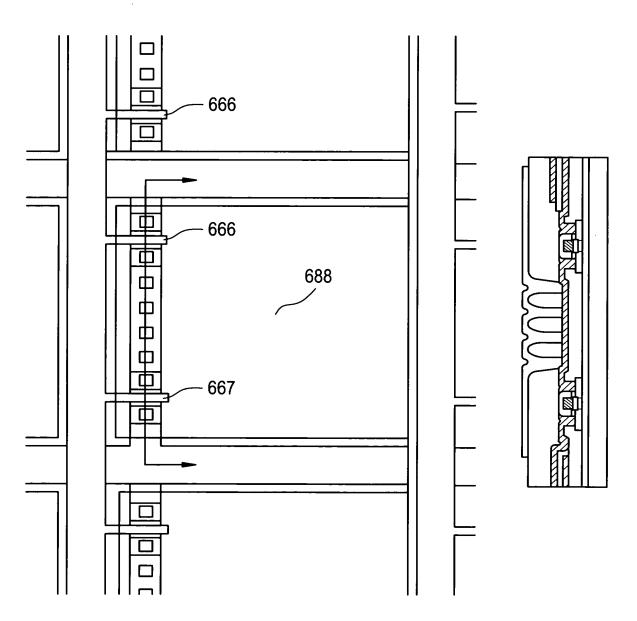




FIG. 33A

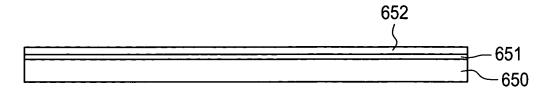


FIG. 33B

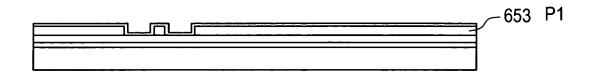


FIG. 33C

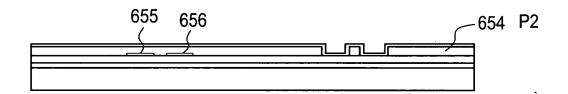


FIG. 33D

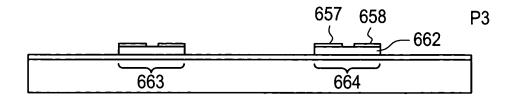


FIG. 33E

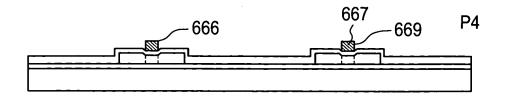




FIG. 33F

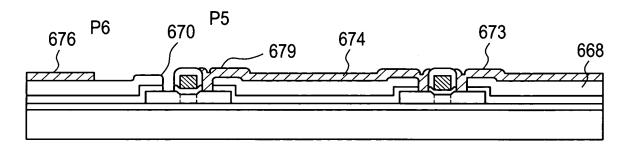


FIG. 33G

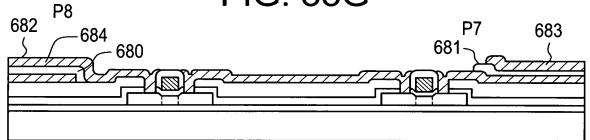
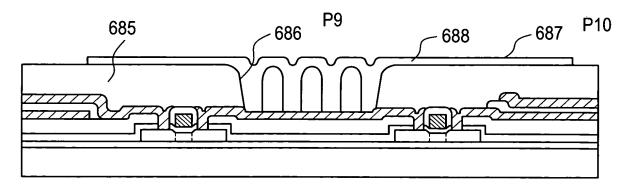
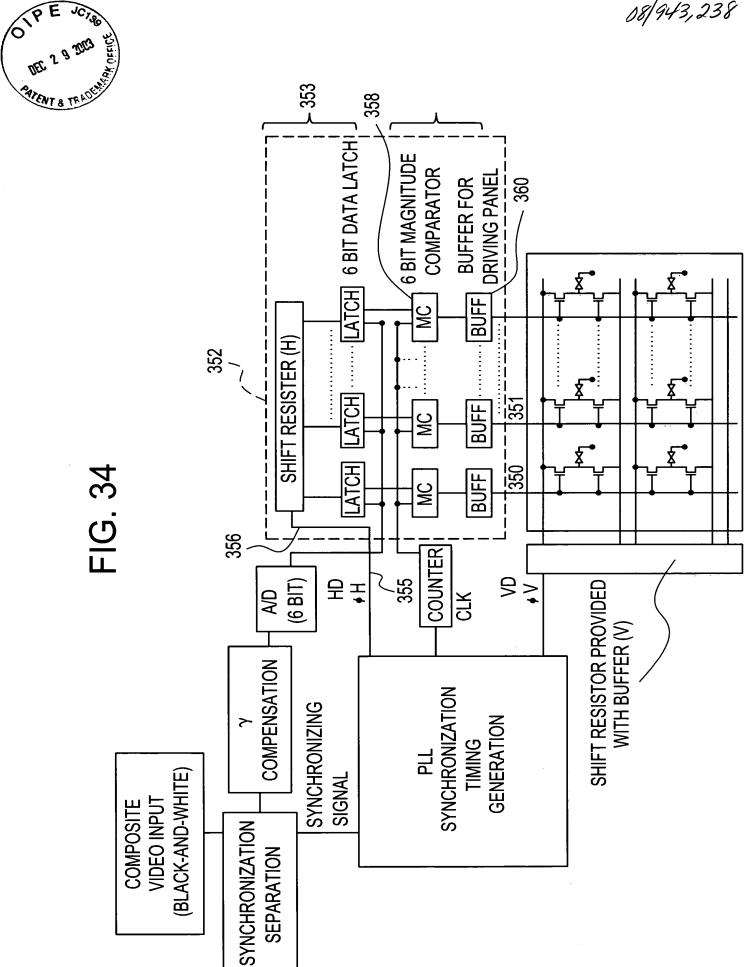


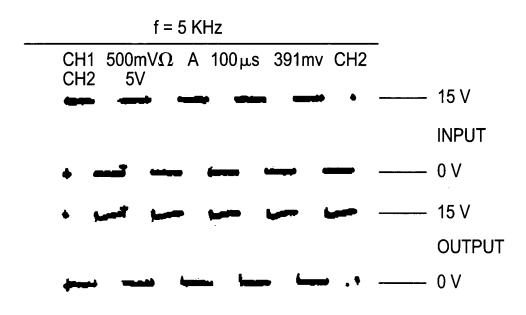
FIG. 33H



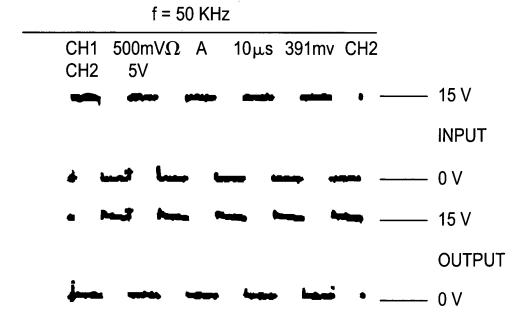




### FIG. 35A



## FIG. 35B

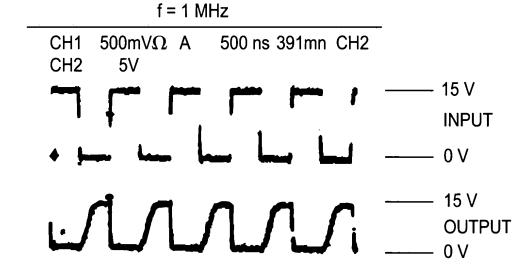




### FIG. 35C

# f = 500 KHz CH1 500mVΩ A 1μs 391mv CH2 CH2 5V INPUT 0 V OUTPUT OUTPUT 0 V

### **FIG. 35D**





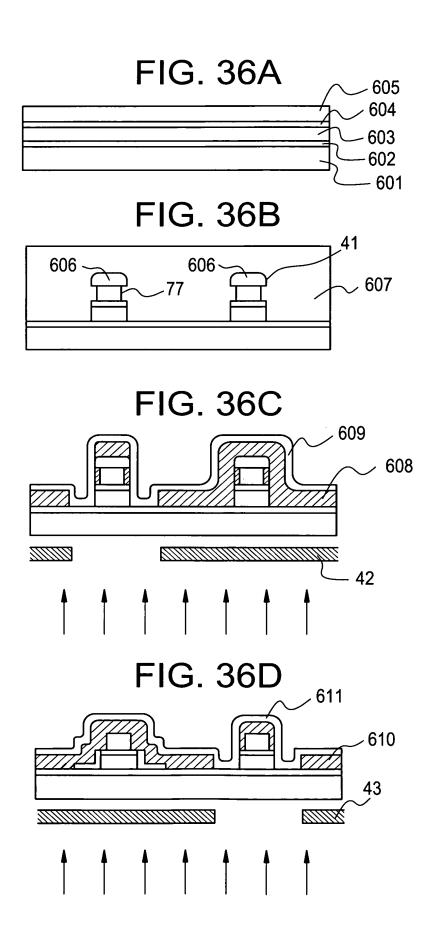




FIG. 36E

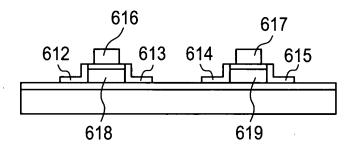


FIG. 36F

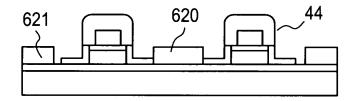


FIG. 36G

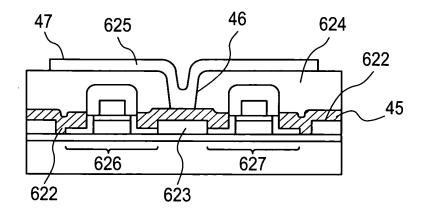




FIG. 37

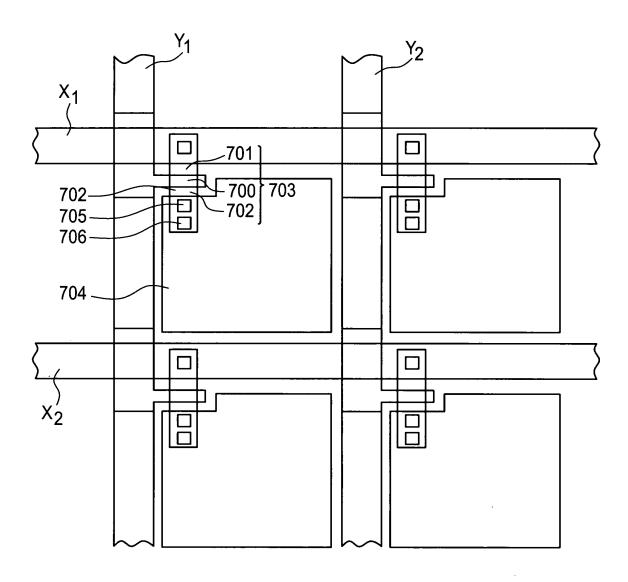




FIG. 38

